

**MAGNOLIA POWER PROJECT
APPLICATION FOR CERTIFICATION
RESPONSE TO CEC DATA REQUESTS
01-AFC-06**

Technical Area: Reliability and Efficiency

BACKGROUND

Staff needs additional information regarding the reliability and efficiency performance for the above-mentioned project. The AFC provided by the applicant provides basic information necessary for review, and this request is intended to supplement the information contained within the AFC.

Data Request 38: Please provide information relevant to the use of alternatives considered for cooling systems. Include any assessment of dry cooling considered as an alternative to the proposed cooling system, and provide the efficiency differences between the proposed cooling system and the dry cooling alternative.

Response: Please see Data Responses #136 through #141.

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Data Request 39: Please provide a description of the operation of the combined cycle block for a failure of the HRSG. Include with this description, the method of operating the plant with only the CTs, and include any estimated time constraints for having the CTs on line for a failure of the HRSG.

Response: The plant is not equipped with a combustion turbine flue gas bypass stack and, therefore the combustion turbine will not be operated with the HRSG out of service, and only for short time periods, when the steam turbine is out of service. During startup and operation when the steam turbine is out of service, the steam produced in the HRSG can be bypassed around the steam turbine to the condenser for short periods of time.